

DEPT. OF THE ARMY
U.S. ARMY TACOM-ARDEC
PICATINNY LEGAL OFFICE
AMSTA-AR-GCL
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PICATINNY ARSENAL, NJ 07806-5000

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FAX NO.: (973) 724-5552

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TO FAX PHONE NO.: 703-308-6916

DATE: 19 Nov 2003

ATTN: Commissioner for Patents, USPTO

Office of Petitions

Desk Phone:

FROM: M. Carlson Desk Phone: 973-724-3440

SUBJECT: DOCKET #1995-18A2, Application No.: 09/665,190, Filing Date

09/12/2000, FOR: High Energy Thermoplastic Elastomer Propellant

Pages sent including header: 32

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Fax Header Sheet (1 sheet text)

Renewed Petition to Revive (2 sheets text)

Declaration for Utility or Design Patent Application, 7 inventors (28 sheets text)

Certificate of Transmission (1 sheet)

NOV 1 9 2005

**PETITIONS OFFICE** 

PTOISB/97 (08-00)

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Fax header sheet (1 sheet text)
Renewed Petition to Revive (2 sheets text)
Declaration for Utility or Design Patent Application, 7 inventors (28 sheets text)
Certificate of Transmission (1 sheet text)

# 20

**Docket No. 95-18A2** 

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE ON PETITION

#### In re: Application of:

Thelma G. Mannig,
Joseph L. Prezelski,
Sam Moy,
Bernard Strauss,
James Hartwell,
Arpad A. Juhasz,
and
Robert J. Lieb

Examiner: Edward A. Miller

Serial No.: 09/665,190

Group Art Unit: 3641

Filed: September 12, 2000

For: HIGH ENERGY THERMOPLASTIC ELASTOMER PROPELLANT

#### RENEWED PETITION TO REVIVE

FAX RECEIVED NOV 1 9 2003

Assistant Commissioner of Patents, Washington, D.C. 20231

PETITIONS OFFICE

Dear Sir:

A Petition for Revival of the above-captioned Application was filed on July 2, 2003. That Petition was dismissed on September 22, 2003, because "A proper oath or declaration in response to the January 29, 2002 non-final Office Action" was not received. Rather, the declaration, as signed and presented with the Petition, was asserted to be a composite, as it appeared to the Examiner that each inventor was presented only the page containing his or her signature block for signing, and was not shown either the page identifying the application or claimed invention, or the inventive entity. The declaration was held defective for non-compliance with 37 CFR 1.63(a) and (b), and the Petition was dismissed.

Applicants were given Two (2) Months to file a Renewed Petition, without fee.

A full Declaration was prepared and a copy of the entire document mailed or emailed to each of the inventors. There are seven inventors residing in three States. Each inventor was requested to execute the signature block provided and return the entire document he or she received. Attached are the seven documents received from the seven inventors.

A full and complete Declaration being filed herewith, the third of the items set out in the Dismissal Notice (the other two having been previously noted as satisfied), Applicants hereby Renew their Petition to Revive the above-captioned United States Patent Application, and permit the Application to be examined.

Respectfully,

Robert Charles Beam, Esq.

Reg. No. 28,182

Attorney for Applicant

(973) 724-3411

Mailing Address: U.S. Army ARDEC Attn: AMSTA-AR-GCL R. Beam / Building 3 Picatinny Arsenal New Jersey 07806-5000 Attorney Docket Number

PTO/SB/01 (10-01)

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DECLARATION FOR L DESIGN	First Named Inventor, Thelma G. Manning					
PATENT APPLICA	COMPLETE IF KNOWN					
(37 CFR 1.63)		Application Number	09/665,190			
Declaration D	eclaration	Filing Date	09/12	/2000		
Submitted OR Si	ubmitted after Initial ling (surcharge	Art Unit				
Filing (3	ing (suicilarge 7 CFR 1:16 (e)) quired)	Examiner Name	The state of the s		フ	
As the below named inventor, I hereby	declare that	glig v djare i 2 je i 1 je	to a green to the late of the late of			
My residence, mailing address, and citize			en de la companya de La companya de la co			
believe I am the original and first invento	or of the subject matterw	hich is claimed and for whi	ch a patent is sought on	the invention entiti	ed:	
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			PETITIO	NS OFFICE		
Dag v.s.	(Title of the li	nvention)	·	-	<u> </u>	
the specification of which				. •	• • •	
is attached hereto			· .	•	•	
OR I	<u> </u>	•			, · · · .	
was filed on (MM/DD/YYYY)	09/12/2000	as United States A	Application Number or P	CT International	-	
			04/40/0000	<u> </u>	. :	
Application Number 09/665,19	0 and was amende	ed on (MM/DD/YYYY)	01/16/2003	(if applicable).		

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part-applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Fhereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO
		·		
		<u> </u>		

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2

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# DECLARATION — Utility or Design Patent Application

Direct all correspondence to: Customer Nu or Bar Code		170	OR C	orrespondence address below			
Name							
Address							
City		State		ŻIP			
Country	Telephone			Fax			
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.							
NAME OF SOLE OR FIRST INVENTOR:	A petition	has been file	d for this unsi	gned inventor			
Given Name Thelma G. (first and middle [if any])		Family Nam or Surname	Manning				
Inventor's Sulma Law Mann	ive			/0/20/2003 Date			
Montville Residence: City	NJ State	Cour		USA Citizenship			
Malling Address 29 Bromley Court							
Montville city	NJ State	ZIP	07045	USA Country			
NAME OF SECOND INVENTOR:	A petition ha	as been filed	for this unsign	ned inventor			
Given Name Joseph L. (first and middle [if any])		Family Name or Surname	Prezelski	<u> </u>			
Inventor's Signature	-1			Date			
Jermyn Residence: City	PA State	US Cou		USA Citizenship			
Mailing Address PO Box 161							
Jermyn city	PA State	ZIP	18433	USA Country			
Additional inventors are being named on the	_supplemental Addit	tional Inventor(s	) sheet(s) PTO/S	B/02A attached hereto.			

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#### **DECLARATION**

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 3 of 4

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Name of Additional Joint Inventor, If any:						
Sam Given Name		Moy Family Name or Surname				
Inventor's Signature			is:: C	) ate		
Parsippany Residence: City	NJ State	USA Country	ι	JSA Ittzenship		
69 Glassboro Road Mailing Address						
Mailing Address						
city Parsippany	NJ State	07054 ZIP	USA Country	ar in the second se		
Name of Additional Joint Inventor, if an	ıy:	A petition has bee	n filed for this	unsigned inventor		
Given Bernard Name		Family Name or Surname	auss			
Inventor's Signature				Date		
Rockaway Residence: City	NJ State	USA Country		USA Citizenship		
20 Iroquois Avenue						
Mailing Address						
Rockaway	NJ State	07866 ZIP	USA Country			
Name of Additional Joint Inventor, if any:						
James A. Given Name		Harty Family Name or Surname	vell			
Inventor's Signature	· · · · · · · · · · · · · · · · · · ·			Date		
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Malling Address 14 Harvest Lane						
Mailing Address						
<sub>City</sub> Elkton	MD State	21921 ZIP	US/ Cou	A Intry		

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### **DECLARATION**

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 4 of 4

Sant Comment of the C	9		Land Back Star & Control of the Cont				
Name of Additional Joint Inventor, if an	y:	☐ A petition has been filed	for this unsigned inventor				
Arpad Given Name		Juhasz Family Name or Surname					
Inventor's Signature		eriore de la companya	Date				
Joppatowne Residence: City	MD State	USA Country	USA Citizenship				
302 Roxbury Court Mailing Address							
Malling Address		·					
<sub>city</sub> Joppatowne	MD State	21085 U	SA puntry				
Name of Additional Joint Inventor, if any:							
Robert J. Name		Family Name or Surname					
Inventor's Signature			Date				
Abington Residence: City	MD State	USA Country	USA Citizenship				
4025 E. Baker Avenue	9						
Mailing Address							
Abington city	MD State		SA puntry				
Name of Additional Joint Inventor, if any:  A petition has been filed for this unsigned inventor							
Given Name		amily Name or Surname					
inventor's Signature			Date				
Residence: City	State	Country	Cittizenship				
Mailing Address							
Mailing Address							
City	State	ZIP	Country				

Attorney Docket Number

1995-18-A2

PTO/SB/01 (10-01)
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DECLARATION FOR	·	First Named Inventor	Thelma G	. Manning				
DESIGN PATENT APPLICATION		COMPLETE IF KNOWN						
(37 CFR 1.		Application Number	09/665,190					
				/12/2000				
Declaration Submitted OR	Declaration Submitted after Initial Filing (surcharge	Art Unit						
with Initial Filing	(37 CFR 1.16 (e)) required)	Examiner Name						
As the below named inventor, I here	by declare that:		·					
My residence, mailing address, and cit	lizenship are as stated belov	v next to my name.		111				
I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:								
HIGH ENERGY THERM	ODLASTIC ELAST	OMED		]				
THIGH ENERGY THERIVI	OPLASTIC ELAST	OWEN						
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	(Title of the In	vention)	<del></del>	<del></del> -				
the specification of which	·							
is attached hereto		•						
OR		<del></del>						
was filed on (MM/DD/YYYY)	09/12/2000	as United States A	pplication Number	or PCT International				
<u>.</u>	· · · · · · · · · · · · · · · · · · ·	<b></b>						
Application Number 09/665,	190 and was amende	ed on (MM/DD/YYYY)	01/16/2003	(if applicable).				
I hereby state that I have reviewed and	d understand the contents of	f the above identified speci	fication including t	ne claims, as amended by				
any amendment specifically referred to	above.							
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT informational filing date of the continuation-in-part application.								
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.								
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO				
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[Page 1 of/2]

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

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### - Utility or Design Patent Application

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Name						
Address	<u> </u>			<u> </u>		
		Chata		ZIP		
City	<del></del>	State		ZIP		
	elephone	<u>.</u>		Fax		
I hereby declare that all statements made herein of my are believed to be true; and further that these statem made are punishable by fine or imprisonment, or both, validity of the application or any patent issued thereon.	ANIS WAIA MAGA WILI	i the knowle	ode that willful faise	statements and the like so		
NAME OF SOLE OR FIRST INVENTOR:	A petition h	as been fil	ed for this unsigr	ned inventor		
Given Name Thelma G. (first and middle [if any])	1 1 · · · · · · · · · · · · · · · · · ·	Family Nai				
Inventor's Signature				Date		
Montville	NJ	ļ -	SA	USA		
Residence: City	State	Co	Intry	Citizenship		
Malling Address 29 Bromley Court						
Montville	NJ		07045	USA		
City	State  A netition ha	ZIP	d for this unsigne	Country		
NAME OF SECOND INVENTOR:	T V beggon us	e pecu me	Prezelski	on in a cutton		
Given Name Joseph L.  (first and middle [if any])		Family Nar or Surnam	ne			
Inventor's Joseph L. Brazelshi 180ct. 2003  Signature						
Jermyn	PA	U	SA	USA		
Residence: City	State	Co	untry · · · ·	Citizenship		
Mailing Address PO Box 161						
Jermyn	PA	5	18433	USA		
City Additional Investors are being passed on the 2	State Supplemental Addition	ZIF	<del></del>	Country (02A attached bareto		
Additional inventors are being named on the 🗻 supplemental Additional Inventor(s) sheet(s) PTO/\$B/02A attached hereto.						

PTO/SB/02A (10-00)
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### **DECLARATION**

**ADDITIONAL INVENTOR(S)** Supplemental Sheet Page 3 of 4

Name of Additional Joint Inventor, if any:		A petition has been filed for this unsigned inventor					
Sam Given Name		Moy Family Name or Surname					
Inventor's Signature		,			Pate		
Parsippany Residence: City	NJ State		SA untry		ISA Itizenship		
69 Glassboro Road Malling Address							
Mailing Address							
city Parsippany	NJ State	07 Zi	054 U	SA ountry	· ,		
Name of Additional Joint Inventor, if an	☐ A petition has been filed for this unsigned inventor						
Given Bernard Name			Strauss Surname				
Inventor's Signature					Date		
Rockaway Residence: City	NJ State	Ü	SA ountry		USA Citizenship		
Mailing Address 20 Iroquois Avenue							
Mailing Address		,	· · ·				
Rockaway	NJ State			JSA country	,		
Name of Additional Joint Inventor, if a		□ A	petition has been filed f	or this	unsigned inventor		
James A. Given Name			Hartwell lly Name umame				
inventor's Signature					Date		
Elton Residence: City	MD State		USA Country		USA Citizenship		
Mailing Address							
Malling Address							
city Elkton	MD State		21921 ZIP	US	A untry		

PTO/SB/02A (10-00)

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#### **DECLARATION**

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 4 of 4

Name of Additional Joint Inventor, if an		A petition has been filed for this unsigned inventor			s unsigned inventor	
			Juhasz Family Name or Surname			
Inventor's Signature	·				Date	
Joppatowne Residence: City	MI Sta		JSA Country			JSA Sitizenship
302 Roxbury Court Malling Address						
Mailing Address						
city Joppatowne	MI Sta	te 2	21085 ZIP	US. Co.	A intry	,
Name of Additional Joint Inventor, if any:						unsigned inventor
Robert J. Siven Name			Family Name or Surname			
Inventor's Signature Date						Date
Abington Residence: City	MI Sta	D ate	JSA Country	· · · · · · · · · · · · · · · · · · ·		USA Citizenship
4025 E. Baker Avenue Mailing Address	e 		·			
Mailing Address				· · · · · · · · · · · · · · · · · · ·		
Abington city	M[ Sta		21009 ZIP	US Cou	A intry	1
Name of Additional Joint Inventor, if ar	ny:		A petition has	been filed for	this	unsigned inventor
Gíven Family Name						
Inventor's Signature				•		Date
Residence: City	Sta	te	Country			Citizenship
Malling Address						
Malling Address						
City	Stat	te .	ZIP		Coi	untry

**DECLARATION FOR UTILITY OR** 

Attorney Docket Number

PTO/SB/01 (10-01)

1995-18-A2

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DECLARA	DESIGN	LITTOR	First Named Invento	Thelma G. N	/lanning
PATENT APPLICATION		COMPLETE IF KNOWN			
•	37 CFR 1.63)		Application Number	09/665,190	
, , , , , , , , , , , , , , , , , , ,		ration	Filing Date	09/12	2/2000
Declaration Submitted	OR Subm	itted after Initial (surcharge	Art Unit		
with Initial Filing		FR 1.16 (e))	Examiner Name		
the below named is	nventor, I hereby dec	lare that:			
y residence, mailing a	ddress, and citizenshi	p are as stated belo	w next to my name.		
elieve I am the origin	al and first inventor of	the subject matter w	hich is claimed and for whi	ch a patent is sought o	n the invention entitled:
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pplication Number	09/665,190	and was amend	ed on (MM/DD/YYYY)	01/16/2003	(if applicable).
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nereby state that I hav	e reviewed and under	stand the contents o	of the above identified spec	eification, including the	claims, as amended by
y amendment specifi	cally referred to above	•		. •	•
cknowledge the duty	to disclose information	n which is material to	patentability as defined in	37 CFR 1.56, includin	g for continuation-in-pa
plications, material in	formation which becar	me available betwee	patentability as defined in In the filing date of the prior	r application and the na	itional or PCT
ernational filing date	of the continuation-in-	part application.			J

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy	Attached?

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

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# **DECLARATION** — Utility or Design Patent Application

Direct all correspondence to:  Customer Number or Bar Code Label  32170  OR  Correspondence address below							
Name							
Address		1	,				
City.	·	State	ZIP				
	ephone		Fax				
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.							
NAME OF SOLE OR FIRST INVENTOR :	A petition h	nas been filed for this unsig	ned inventor				
Given Name Thelma G. (first and middle [if any])		Family Name Manning or Surname	<b>T</b>				
Inventor's Signature			Date				
Montville Residence: City	NJ State	USA Country	USA Citizenship				
Mailing Address 29 Bromley Court	<u> </u>						
Montville city	NJ State	07045 zip	USA Country				
NAME OF SECOND INVENTOR:	A petition ha	as been filed for this unsign	ed inventor				
Given Name Joseph L. (first and middle [if anyl)		Family Name or Surname					
Inventor's Signature			Date				
Jermyn Residence: City	PA State	USA Country	USA Citizenship				
Malling Address PO Box 161							
Jermyn city	PA State	18433 zip	USA Country				
Additional inventors are being named on the 🔔 s	upplemental Additi	ional Inventor(s) sheet(s) PTO/SE	3/02A attached hereto.				

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#### **DECLARATION**

**ADDITIONAL INVENTOR(S)** Supplemental Sheet Page 3 of 4

Name of Additional Joint Inventor, if any:		A petition has been filed for this unsigned inventor			
Sam Given Name		Moy Family Name or Surname			
Inventor's Signature Man			D:	ate 10/17/2003	
Parsippany Residence: City	NJ State	USA Country		SA tizenship	
69 Glassboro Road Mailing Address					
Mailing Address					
<sub>city</sub> Parsippany	NJ State	07054 ŽIP	USA Country		
Name of Additional Joint Inventor, if an	y:	A petition has been f	iled for this	unsigned inventor	
Given Name		Family Name or Surname	ISS		
Inventor's Signature				Date	
Rockaway Residence: City	NJ State	USA Country		JSA Citizenship	
20 Iroquois Avenue		<del>, ,</del>			
Mailing Address	<b>.</b>				
Rockaway city	NJ State	07866 ZIP	USA Country		
Name of Additional Joint Inventor, if a	ny:	A petition has been fi	led for this u	unsigned inventor	
James A. Giveri Name		Hartwe Family Name or Sumame	elli		
Inventor's Signature				Date	
Elton Residence: City	MD State	USA Country		USA Citizenship	
Malling Address 14 Harvest Lane					
Malling Address	<u> </u>		· ·		
<sub>City</sub> Elkton	MD State	2192† ZIP	USA Cou	A untry	

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#### **DECLARATION**

**ADDITIONAL INVENTOR(S)** Supplemental Sheet Page <u>4</u> of <u>4</u>

Name of Additional Joint Inventor, if a	any:		A petition has t	been filed for	this unsigned inventor
Arpad Given Name			Juhasz Family Name or Surname		
Inventor's Signature					Date
Joppatowne Residence: City	MD State		SA ountry		USA Citizenship
302 Roxbury Court Mailing Address					
Mailing Address		<del></del>			
<sub>city</sub> Joppatowne	MD State	21 ZI	085 IP	USA Cour	ntry
Name of Additional Joint Inventor, if a	any:		A petition has b	een filed for t	this unsigned inventor
Given Robert J. Name			Li amily Name Surname	eb	·
Inventor's Signature			· · ·		Date
Abington Residence: City	MD State		SA ountry		USA Citizenship
Malling Address 4025 E. Baker Aven	ue				
Malling Address				•	•
Abington city	MD State		1009 IP	USA Cour	
Name of Additional Joint Inventor, if	any:	A	petition has be	en filed for th	nis unsigned inventor
Giveri: Name			Ily Name	· · · · · ·	
Inventor's Signature				······	Date
Residence: City	State		Country		Citizenship
Mailing Address					
Malling Address					
City	State		ZIP	1.	Country

Attorney Docket Number

PTO/SB/01 (10-01)

1995-18-A2

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DECLARA	TION FOR DESIGN	R UTILITY OR	First Named Inventor	Thelma (	3. Manning		
DATE	NT APPLI	_	COMPLE	TE IF KNOWN			
	(37 CFR 1.		Application Number	Application Number 09/665,190			
	·	Declaration	Filing Date	OŞ	/12/2000		
Declaration Submitted	OR	Submitted after Initial Filing (surcharge	Art Unit				
with Initial Filing		(37 CFR 1.16 (e)) required)	Examiner Name				
As the below named	As the below named inventor, I hereby declare that:						
My residence, mailing	address, and ci	itizenship are as stated belov	w next to my name.	•			
I believe I am the origi	nal and first inve	entor of the subject matter wi	hich is claimed and for which	ch a patent is sough	nt on the invention entitled:		
HIGH ENERG	Y THERM	OPLASTIC ELAST	OMER				
				•	#		
ļ.							
L	·	(Title of the In	vention)		· · · · · · · · · · · · · · · · · · ·		
the specification of wh	nich			•	·		
is attached her	eto		•		•		
OR	·						
was filed on (Mi	WDD/YYYY)	09/12/2000	as United States A	pplication Number	or PCT International		
	Ŀ	· · · · · · · · · · · · · · · · · · ·					
Application Number	09/665,	190 and was amende	ed on (MM/DD/YYYY)	01/16/2003	(if applicable).		
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.							
I acknowledge the dut	y to disclose info nformation which	ormation which is material to th became available between tion-in-part application.	n the filing date of the prior	37 CFR 1.56, incluapplication and the	ding for continuation-in-part a national or PCT		
I hereby claim foreign breeder's rights certifi States of America, ilst breeder's rights certifi claimed.	priority benefits ate(s), or 365( ed below and f cate(s), or any	y under 35 U.S.C. 119(a)-(d) a) of any PCT international aye also identified below, b PCT international application	or (f), or 365(b) of any for application which designs by checking the box, any for a having a filing date bet	eign application(s) ted at least one coreign application for ore that of the ap	for patent, inventor's or plant ountry other than the United or patent, inventor's or plant plication on which priority is		
Prior Foreign Ap Number(		Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO		
	i						

[Page 1 of 2]

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

PTO/SB/01 (10-01)
Approved for use through 10/31/2002. OMB 0851-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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# **DECLARATION** — Utility or Design Patent Application

Direct all correspondence to: Customer Numb or Bar Code Lab		70	OR CO	rrespondence address below	
Name					
Address			<del></del>	- <sub>1</sub>	
				ŀ	
City		State	<del></del>	zip	
Country	lephone			Fax	
I hereby declare that all statements made herein of my are believed to be true; and further that these stateme made are punishable by fine or imprisonment, or both, validity of the application or any patent issued thereon.	nte ware made wit	h tha knowle	edge that willful tais:	e statements and the like so	
NAME OF SOLE OR FIRST INVENTOR :	A petition I	nas been fi	iled for this unsig	ned inventor	
Given Name Theima G.  (first and middle [if any])  Family Name or Surname					
Inventor's Signature				Date	
Montville Residence: City	NJ State	ŀ	JSA puntry	USA Citizenship	
Mailing Address 29 Bromley Court	Quale			1 - meonomp	
Montville city	NJ State	ZII	07045	USA Country	
NAME OF SECOND INVENTOR:			ed for this unsign		
Given Name Joseph L. (first and middle [if any])		Family Na	me Prezelski		
inventor's Signature				Date	
Jermyn Residence: City	PA State	i.	ISA ountry	USA Citizenship	
Malling Address PO Box 161				- Marie Carlos C	
Jermyn city	PA State	ZI	18433 P	USA Country	
Additional inventors are being named on the A	supplemental Addit	ional Invento	or(s) sheet(s) PTO/S	B/02A attached hereto.	

PTO/SB/02A (10-00)

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### ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 4

		<del></del>			
Name of Add	itional Joint Inventor, if an	ıy:	☐ A petition has	been filed for thi	s unsigned inventor
Sam Given Name	*		Family Name or Surname	ру	
Inventor's Signature					)ate
Parsippany Besidence: City		NJ State	USA Country		ISA Itizenship
Malling Address	69 Glassboro Road		**	· · · · · · · · · · · · · · · · · · ·	
Mailing Address					
city Parsipp	any	NJ State	07054 ŽIP	USA Country	, ·
Name of Add	litional Joint Inventor, if ar	ıy:	A petition has t	een filed for this	unsigned inventor
Given Berna Name	rd	·	Family Name	trauss	
Inventor's Signature	Derroral	Stra	1188		10 /24 /03
Rockaway Residence: City		NJ State	USA Country		USA Citizenship
Mailing Address	20 Iroquois Avenue	:		· · · · · · · · · · · · · · · · · · ·	·
Mailing Address			·		
Rockaw	<u> </u>	NJ State	07866 ZIP	USA Country	/
	ditional Joint Inventor, if a	ny:	☐ A petition has b	een filed for this	unsigned inventor
James Given Name	3 A.		Ha Family Name or Syrname	rtwell	
Inventor's Signature					Date
Elton Residence: Cit	у	MD State	USA Country		USA Citizenship
Mailing Addres	14 Harvest Lane				
Mailing Addres		<b>4</b>			
<sub>city</sub> Elkton		MD State	21921 ZIP	US	A untry

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ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>4</u> of <u>4</u>

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Name of Additional Joi	nt inventor, if any:		☐ A petition has b	een filed for th	is unsigned inventor
Arpad Given Name			Juh Family Name or Surname	nasz	- I
Inventor's Signature					Date
Joppatowne Residence: City		MD State	USA Country		JSA Sitizenship
302 Ro Mailing Address	oxbury Court		· · · · · · · · · · · · · · · · · · ·		
Malling Address		•			
<sub>city</sub> Joppatowne		MD State	21085 ZIP	USA Countr	у
Name of Additional Joi	nt Inventor, if any		A petition has be	en filed for thi	s unsigned inventor
Given Robert J.			Family Name or Surname	∍b	
Inventor's Signature	· ·		· · ·	•	Date
Abington Residence: City		MD State	USA Country		USA Citizenship
4025 E Mailing Address	. Baker Avenue				
Mailing Address		<u> </u>			
Abington city		MD State	21009 ZIP	USA Countr	у
Name of Additional Jo	int Inventor, If any		A petition has been	en filed for this	unsigned inventor
Given Name			Family Name or Surname		
Inventor's Signature					Date
Residence; City		State	Country		Citizenship
Mailing Address					
Mailing Address	· · · · · · · · · · · · · · · · · · ·	·	<u>-</u>	· · · · · · · · · · · · · · · · · · ·	
City		State	_ ZIP	Co	ountry

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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)		Attorney Docket Nur	nber	1995-18-A2	
		First Named Inventor Thelma G. Manning  COMPLETE IF KNOWN			
		Application Number	09/66	5,190	
		Filing Date		09/12/2000	
Submitted 01	Submitted OR Submitted after Initial	Art Unit			
with Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Examiner Name				

Filing	(37 CFR 1.16 (e)) required)	Examiner Name					
As the below named inventor, I hereby declare that:  My residence, mailing address, and citizenship are as stated below next to my name.  I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:							
HIGH ENERGY THERM	OPLASTIC ELAST	OMER	NO/	RECEIVED 1 1 9 2003 TIONS OFFICE			
·	(Title of the In	vention)					
the specification of which	, , , , , , , , , , , , , , , , , , , ,			g .			
is attached hereto							
OR was filed on (MM/DD/YYYY)	09/12/2000	as United States A	pplication Number	or PCT International			
Application Number 09/665,	and was amende	d on (MM/DD/YYYY)	01/16/2003	(if applicable).			
I hereby state that I have reviewed and any amendment specifically referred to	i understand the contents of above.	the above identified speci	fication, including th	ne claims, as amended by			
I acknowledge the duty to disclose info applications, material information whice international filling date of the continua	h became available betweer tion-in-part application.	the filing date of the prior	application and the	national or PCT			
I hereby claim foreign priority benefits breeder's rights certificate(s), or 365( States of America, listed below and h breeder's rights certificate(s), or any claimed.	under 35 U.S.C. 119(a)-(d)	or (f), or 365(b) of any fore application which designa y checking the box, any fo in having a filing date bef	eign application(s) f ted at least one co preign application for ore that of the app	or patent, inventor's or plan ountry other than the Unite or patent, inventor's or plan olication on which priority i			
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?			
		,					
Additional foreign application nu	mbers are listed on a supple	mental priority data sheet	PTO/SB/02B attach	red hereto;			

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Address					
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	ephone		Fax		
I hereby declare that all statements made herein of my o are believed to be true; and further that these statemen made are punishable by fine or imprisonment, or both, u validity of the application or any patent issued thereon.	te wara mada witt	i the knowledde that Williul Taisi	e statements and the like so		
NAME OF SOLE OR FIRST INVENTOR :	A petition h	as been filed for this unsig	ned inventor		
Given Name Theima G.  (first and middle [if any])  Manning Family Name or Surname					
Inventor's Signature			Date		
Montville Residence: City	NJ State	USA	USA Citizenship		
Malling Address 29 Bromley Court					
Montville city	NJ State	07045 zip	USA Country		
NAME OF SECOND INVENTOR:	A petition ha	s been filed for this unsign	ed inventor		
Given Name Joseph L. (first and middle (if any))		Family Name Prezelski or Surname			
Inventor's Signature			Date		
Jermyn Residence: City	PA State	USA Country	USA Citizenship		
Mailing Address PO Box 161					
Jermyn city	PA State	18433 zip	USA Country		
Additional inventors are being named on the A.s	upplemental Addit		B/02A attached herete.		

QUALITY LAB

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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#### **DECLARATION**

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 3 of 4

		•	
Name of Additional Joint Inventor, if	any:	A petition has been fi	iled for this unalgned inventor
Sam Given Name		Family Name Moy	
inventor's Signature			Pate
Parsippany Residence: City	NJ State	USA Gountry	USA Citizenship
69 Glassboro Road Mailing Address			
Mailing Address			
city Parsippany	NJ State	07054 ZIP	USA Country
Name of Additional Joint Inventor, if a	ny:	A petition has been file	d for this unsigned inventor
<sub>Given</sub> Bernard Name		Family Name Straus	s
Iпventor's Signature			Date
Rockaway Residence: City	NJ State	USA Country	USA Citizenship
Malling Address 20 Iroquois Avenue			
Mailing Address			
City Rockaway	NJ State		USA Country
Name of Additional Joint Inventor, if a	ny: [	A petition has been filed	for this unsigned inventor
James A. Name		Family Name Partwell Partsurname	
Inventor's Signature 4.37h.	well		Date /0/29/03
Elton Residence: City	MD State	USA Country	USA Citizenship
Mailing Address 14 Harvest Lane			
Malling Address			
Gity Elkton	MD State	21921 ZIP	USA Country

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#### **DECLARATION**

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 4 of 4

		,				
Name of Additional Joint Inventor, if an	y:	A petition has been filed for this unsigned inventor				
Arpad Given Name		Juhasz Family Name or Surname				
Inventor's Signature		· 	· · · · · · · · · · · · · · · · · · ·		Date	
Joppatowne Residence: City	MD State	US	SA untry		JSA iltizenship	
302 Roxbury Court Mailing Address						
Mailing Address						
<sub>city</sub> Joppatowne	MD State	210 ŽIF	085 US	SA Suntry	,	
Name of Additional Joint Inventor, if an	ıy:	A	petition has been filed fo	or this	unsigned inventor	
Given Robert J.			Lieb amily Name r Surname			
Inventor's Signature					Date	
Abington Residence: City	MD State	US	SA untry		USA Citizenship	
4025 E. Baker Avenue	е .					
Mailing Address						
Abington city	MD State	21 ZI		SA		
Name of Additional Joint Inventor, if ar	ny:		petition has been filed fo			
Given Name			y Name mame	-		
Inventor's Signature					Date	
Residence: City	State		Country		Citizenship	
Mailing Address						
Mailing Address		·		,		
City	State		ZIP	Co	untry	

**DECLARATION FOR UTILITY OR** 

DESIGN

PATENT APPLICATION

Attorney Docket Number

First Named Inventor

Thelma G. Manning

1995-18-A2

COMPLETE IF KNOWN

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(37 CFR 1	Application Number	09/665,190		
Declaration	Declaration	Filing Date	09/1	2/2000
Submitted OR	Submitted after initial	Art Unit		
with Initial Filing	Filing (surcharge (37 CFR 1.16 (e)) required)	Examiner Name		
As the below named inventor, I here	eby declare that:			
My residence, mailing address, and ci	tizenship are as stated belov	v next to my name.		:
I believe I am the original and first inve	entor of the subject matter wh	nich is claimed and for which	ch a patent is sought o	n the invention entitled:
HIGH ENERGY THERM	OPLASTIC ELAST	OMER.	·	
		,		ļ
		•	•	
	(Title of the In	vention)		
the specification of which	1 -			
is attached hereto				
OR		· ·		
was filed on (MM/DD/YYYY)	09/12/2000	as United States A	pplication Number or I	PCT International
. [				
Application Number 09/665,	190 and was amende	d on (MM/DD/YYYY)	01/16/2003	(if applicable).
I hereby state that I have reviewed and any amendment specifically referred to	d understand the contents of above.	the above identified speci	fication, including the	claims, as amended by
I acknowledge the duty to disclose info applications, material information whic international filing date of the continua	h became available between	patentability as defined in the filing date of the prior	37 CFR 1.56, including application and the na	g for continuation-in-part tional or PCT
I hereby claim foreign priority benefits breeder's rights certificate(s), or 365(s) States of America, listed below and hibreeder's rights certificate(s), or any claimed.	a) of any PCT international:	annlication which designs	ted at least one coun	for other than the United E
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Co	ertified Copy Attached? YES NO
		Annual State		
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Additional foreign application nu	mbers are listed on a suppler	mental priority data sheet f	PTO/SB/02B attached	hereto:

[Page 1 of 2]

PTO/SB/01 (10-01)
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# Utility or Design Patent Application

Direct all correspondence to: Customer Number or Bar Code Label	77.	70 OR Cor	espondence address below
Name			
Address	· · · · · · · · · · · · · · · · · · ·		
City		State	ZIP
Equatry: Tele	phone		Fax
I hereby declare that all statements made herein of my over are believed to be true; and further that these statement made are punishable by fine or imprisonment, or both, ur validity of the application or any patent issued thereon.	s were made with	i the knowledge that willful false	statements and the like so
NAME OF SOLE OR FIRST INVENTOR :	A petition h	as been filed for this unsig	ned inventor
Given Name Theima G. (first and middle [if any])		Family Name Manning or Surname	
Inventor's Signature			Date
Montville Residence: City	NJ. State	USA Country	USA Citizenship
29 Bromley Court			
Montville city	NJ State	07045 zip	USA Country
NAME OF SECOND INVENTOR:	A petition has	s been filed for this unsign	ed inventor
Given Name Joseph L. (first and middle [if anyl)		Family Name Prezelski or Surname	
Inventor's Signature			Date
Jermyn Residence: City	PA State	USA Country	USA Citizenship
Malling Address PO Box 161			
Jermyn city	PA State	18433 zip	USA Country
Additional inventors are being named on the 3 cu	pplemental Additio	onal Inventor(s) sheet(s) PTO/SB	/02A attached hereto.

PTO/SB/02A (10-00)

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# ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 4

Name of Additional Joint Inventor, if an		A petition has been t			
Sam Given Name		MOY Family Name or Surname			
Inventor's Signature				Date	
Parsippany Residence: City	NJ State	USA Country	Ī	JSA Stizenship	
69 Glassboro Road Malling Address					
Mailing Address					
city Parsippany	NJ State	07054 ZIP	USA Country	/	
Name of Additional Joint Inventor, if an	y:.	A petition has been fil	ed for this	unsigned inventor	
Given Bernard Name		Family Name or Surname			
Inventor's Signature				Date	
Rockaway Residence: City	NJ State	USA Country		USA Citizenship	
Malling Address 20 Iroquois Avenue					
Mailing Address			<u> </u>		
Rockaway	NJ State	07866 ZIP	USA Country	y	
Name of Additional Joint Inventor, if ar	ny: [	A petition has been file	ed for this	unsigned inventor	
James A. Given Name		Hartwe Family Name or Surname			
Inventor's Signature				Date	
Elton Residence: City	MD State	USA Country	,	USA Citizenship	
Mailing Address 14 Harvest Lane					
Mailing Address					
<sub>City</sub> Elkton	MD State	21921 ZIP	US	Auntry	

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**DECLARATION** 

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 4 of 4

Name of Additional Joint Inventor, if an	ıy:	A petition has been	filed for th	nis unsigned inventor
Arpad Given Name		Juhas Family Name or Surname	<b>Z</b>	
Inventor's Conad Tulian			-	Date & Oct, 03
Joppatowne Residence; City	MD State	USA Country	Ī	USA Citizenship
302 Roxbury Court Malling Address		and the second s		
Malling Address				
<sub>City</sub> Joppatowne	MD State	21085 ZIP	USÁ Countr	у
Name of Additional Joint Inventor, if an	y:	A petition has been f	iled for thi	s unsigned inventor
Robert J. Name		Family Name Lieb or Surname		
Inventor's Signature				Date
Abington Residence: City	MD State	USA Country		USA Citizenship
4025 E. Baker Avenue	9			
. Mailing Address	l			
Abington	MD State	21009 ZIP	USA Countr	y
Name of Additional Joint Inventor, if ar	ıy:	☐ A petition has been fil	ed for this	unsigned inventor
Given Name		Family Name or Surname	•	
Inventor's Signature				Date
Residence: City	State	Country	· • · · · · · · · · · · · · · · · · · ·	Citizenship
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City	State	ZIP _	.Co	untry

DECLARATION FOR UTILITY OR

DESIGN

Attorney Docket Number

First Named Inventor

COMPLETE IF KNOWN

PTO/SB/01 (10-01)

1995-18-A2

Thelma G. Manning

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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PATENT APPLICATION	COMPL	COMPLETE IF KNOWN				
(37 CFR 1.63)	Application Number	09/665,190				
Declaration Declaration	Filing Date	09/	12/2000			
Submitted OR Submitted after with Initial Filing (surcharge	le Michigan					
Filing (37 ČFR 1.16 (	e)) Examiner Name					
As the below named inventor, I hereby declare that:						
My residence, mailing address, and citizenship are as st	zated below next to my name.					
I believe I am the original and first Inventor of the subject	t matter which is delined and for wi	nich a patent is sought	on the invention entitled:			
HIGH ENERGY THERMOPLASTIC	ELASTOMED					
HIGH ENERGY THERMOFEASTIC	EDAS FOMEN	• .				
		•				
	•					
		:				
· (Titi	ie of the Invention)		·			
the specification of which	•					
is attached hereto			•			
OR						
was filed on (MM/DD/YYYY) 09/12/2	2000 as United States	Application Number of	or PCT International			
Application Number 09/665,190 and wa	as amended on (MM/DD/YYY.Y)	01/16/2003	(if applicable).			
I hereby state that I have reviewed and understand the a any amendment specifically referred to above.	contents of the above identified spe	ecification, including tr	ne claims, as amended by			
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.						
I hereby daim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United						
States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filling date before that of the application on which priority is claimed.						
Prior Foreign Application Number(s) Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO			
	(					
Additional foreign application numbers are listed of	on a supplemental priority data she	et PTO/SB/02B attach	ned hereto:			

PTO/SB/01 (10-01)
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#### **DECLARATION** — Utility or Design Patent Application **Customer Number** 32170 Correspondence address below Direct all correspondence to: or Bar Code Label Name Addréss State Fex Telephone Country I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wiliful false etatements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. A petition has been filed for this unsigned inventor NAME OF SOLE OR FIRST INVENTOR: Given Name Thelma G. Manning **Family Name** (first and middle [if any]) or Surname Inventor's Date Signature **USA** USA -NJ Montville Citizenship Country State Residence: City 29 Bromley Court Mailing Address 07045 NJ USA Montville Country ZIP City A petition has been filed for this unsigned inventor NAME OF SECOND INVENTOR: Prezelski Given Name Joseph L. Family Name or Surname (first and middle [if any]) Inventor's Date Signature USA PA USA Jermyn Country Cltizenship State Residence: City PO Box 161 Mailing Address 18433 PA USA Jermyn ZIP State City Additional inventors are being named on the A. supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

PTO/SB/02A (10-00)

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### **DECLARATION**

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 4

Name of Additional Joint Invent	or, if any:	☐ A pelition has bee	in filed for this unsigned inventor
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Inventor's Signature			Date
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James A. Given Name		Family Name or Surname	well
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DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 4 of 4			
ame of Additional Joint Inventor, If	any:	A petition has b	sen filed for this unsigned inventor		
Arpad Iven arne		JUI Family Name or Surname	nasz		
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